

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047917.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 20:11
 Operator : YP/AJ
 Sample : PB161448BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161448BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 13 05:23:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.429	7243593	51.596 ug/ml
Spiked Amount 50.000		Recovery =	103.19%
6) S 2-Fluorobiphenyl (SURR)	8.281	4820227	52.048 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.10%
11) S ortho-Terphenyl (SURR)	11.319	6743301	42.176 ug/ml
Spiked Amount 50.000		Recovery =	84.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	6740341	42.677 ug/ml
2) T Naphthalene (C11.7)	5.768	7664185	46.954 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	8011000	48.616 ug/ml
5) T Acenaphthylene (C15.06)	8.085	8325546	50.938 ug/ml
7) T Acenaphthene (C15.5)	8.381	8312529	50.910 ug/ml
8) T Flouorene (C16.55)	9.160	8478204	53.893 ug/ml
9) T Phenanthrene (C19.36)	10.549	8720998	56.554 ug/ml
10) T Anthracene (C19.43)	10.625	8781263	58.412 ug/ml
12) T Fluoranthene (C21.85)	12.356	8957901	59.029 ug/ml
13) T Pyrene (C20.8)	12.650	9053792	60.056 ug/ml
14) T Benzo[a]anthracene (C...	14.519	8378097	61.117 ug/mlm
15) T Chrysene (C27.41)	14.563	8377170	56.864 ug/mlm
16) T benzo[b]fluoranthene ...	16.069	8251731	58.630 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.103	8288098	60.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	7973440	57.605 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	7971820	69.151 ug/mlm
20) T Dibenz[a,h]anthracene...	17.848	7778149	58.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	7768348	58.414 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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